AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An organic polymer based light-emitting device comprising an electron-injecting layer and a hole-injecting layer on opposite sides of an emissive layer, the emissive layer comprising at least one conjugated semiconducting polymer capable of fluorescent emission serving as host to at least one admixed phosphorescent emitter capable of phosphorescent emission, the fluorescent emission from the semiconducting polymer and the phosphorescent emission from the at least one admixed phosphorescent emitter occurring in a single emissive region, wherein the emissive layer is generated through solution processing.

Claim 2 (original): The light-emitting device of claim 1 wherein the fluorescent emission is higher in photon energy than the phosphorescent emission.

Claims 3-4 (canceled)

Claim 5 (original): The light-emitting device of claim 1 wherein the semiconducting polymer is a single polymer or copolymer capable of fluorescent emission.

Claim 6 (original): The light-emitting device of claim 5 wherein the phosphorescent emitter is a single phosphorescent emitter.

Claim 7 (original): The light-emitting device of claim 6 wherein the semiconducting polymer serves as a host to the phosphorescent emitter.

Claim 8 (original): The light-emitting device of claim 6 wherein there are two or more phosphorescent emitters and wherein the semiconducting polymer serves as a common host to the two or more phosphorescent emitters.

Claim 9 (previously presented): The light-emitting device of claim 1 wherein the semiconducting polymer is a blend of two or more polymers or copolymers capable of fluorescent emission.

Claim 10 (original): The light-emitting device of claim 9 wherein the phosphorescent emitter is a single emitter and wherein the blend of two or more polymers serves as a host to the phosphorescent emitter.

Claim 11 (original): The light-emitting device of claim 9 wherein the phosphorescent emitter is at least two emitters and wherein the blend of two or more polymers serves as a common host.

Claim 12 (original): The light-emitting device of claim 1 wherein the phosphorescent emitters are organometallic.

Claim 13 (currently amended): An organic polymeric light-emitting device comprising an organic polymeric emissive layer, wherein the emissive layer comprises:

a) at least one conjugated organic polymeric fluorescent emitter, and

b) at least one phosphorescent emitter in intimate admixture as a single emissive region; and

wherein the emission from the at least one fluorescent emitters is higher in photon energy than the emission from the at least one phosphorescent emitters, and wherein the combined emission of the at least one fluorescent emitters and the at least one phosphorescent emitters sufficiently spans the visible spectrum to give a white emission, wherein the emissive layer is generated through solution processing.

Claim 14 (original): The light-emitting device of claim 13 wherein the at least one organic polymeric fluorescent emitter serves as common host for the at least one phosphorescent emitter and wherein the color coordinates, color temperatures and the color rendering indices of the white emission are insensitive to brightness, applied voltage and applied current density.

Claim 15 (original): The light-emitting device of claim 13 wherein the at least one organic polymeric emitters comprise a single conjugated polymer.

Claim 16 (original): The light-emitting device of claim 13 wherein the at least one organic polymeric emitters comprise two conjugated copolymers.

Claim 17 (original): The light-emitting device of claim 13, wherein the at least one fluorescent emitters are selected from polyfluorenes and poly(9,9-dioctylfluorene-*co*-fluorenone).

Claim 18 (original): The light-emitting device of claim 13, wherein the at least one phosphorescent emitters are organometallic emitters.

Claim 19 (original): The light-emitting device of claim 18, wherein the at least one organometallic emitters is tris (2,5-bis-2'-(9',9'-dihexylfluorene) pyridine) iridium (III), $\mathrm{Ir(HFP)_3}$.

Claim 20 (original): The light-emitting device of claim 13, wherein the combined emission covers the visible spectrum.

Claim 21 (original): The light-emitting device of claim 13, wherein the combined emission has CIE x-coordinate of 0.329 +0.017 and a CIE y-coordinate of 0.321 +0.021.

Claim 22 (original): The light-emitting device of claim 13, wherein the combined emission has a color temperature of ~6400K, very close to the temperature of average daylight (~6500K), or a color temperature of ~4600K, very close to the color temperature of sunlight at solar altitude 20' (~4700K).

Claim 23 (original): The light-emitting device of claim 13, wherein the combined emission has color rendering indexes of at least 92 and 86.

Claim 24 (original): The light-emitting device of claim 13, wherein the CIE coordinate, color temperature and color rendering index are insensitive to the brightness.

Claim 25 (original): The light-emitting device of claim 13, wherein the CIE coordinate, color temperature and color rendering index are insensitive to applied voltages.

Claim 26 (original): The light-emitting device of claim 13, wherein the CIE coordinate, color temperature and color rendering index are insensitive to current density.

Claim 27 (currently amended): A polymeric light-emitting device comprising in layer contact order:

a) an anode;
b) a hole-injection layer;
c) an emissive layer; and
d) a cathode; wherein the emissive layer comprises, as a single emissive region, an admixture of at least one fluorescent conjugated semiconducting polymer with at least one phosphorescent emitter, wherein the emissive layer is generated through solution processing.

Claim 28 (original): The light-emitting device of claim 27 wherein the hole-injection layer comprises at least one material selected from poly(3,4-ethylene dioxythiophene): poly(styrene sulfonic acid) (PED0T:PSS) and poly (bis(tetraphenyldiaminc)biphenyl-perfluorocyclobutane) (poly(BTPD-Si-PFCB)).

Claim 29 (currently amended): An organic light-emitting device comprising an emissive layer between an anode and a cathode, wherein the emissive layer is comprised of a conjugated polymer fluorescent compound and a phosphorescent compound that has a peak maximum of emission longer than that of the fluorescent compound and wherein the light emission involves both emission of the fluorescent compound and emission of the phosphorescent compound from a single emissive region, wherein the emissive layer is generated through solution processing.

Claim 30 (original): The organic light-emitting device of claim 29 wherein the fluorescent compound is a host of the emissive layer and the phosphorescent compound is a dopant.

Claim 31 (canceled)

Claim 32 (previously presented): The organic light-emitting device of claim 29 wherein the fluorescent compound is polyfluorene.

Claims 33-34 (canceled)

Claim 35 (previously presented): The organic light-emitting device of claim 35 wherein the fluorescent compound is a low-molecular-weight oligomer.

Claim 36 (previously presented): The organic light-emitting device of claim 35 wherein the low-molecular-weight oligomer has more than two carbazolyl groups

Claim 37 (original): The organic light-emitting device of claims 29 or 30 wherein the phosphorescent compound is an organometallic complex that has Ir, Pt, Os, Ru or Au as a center atom.

Claim 38 (original): The organic light-emitting device of claims 29 or 30 which produces the emission of white hue, combined with a set of color filters at the side of outcoupling of the emission.

Claims 39-43 (canceled)